AMSAT News Service Weekly Bulletins
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SB SAT @ AMSAT $ANS-176.01
PHASE 3-D STATUS REPORT

HR AMSAT NEWS SERVICE BULLETIN 176.01 FROM AMSAT HQ
SILVER SPRING, MD JUNE 25, 1994
TO ALL RADIO AMATEURS BT
BID: $ANS-176.01

WD4FAB & DB2OS Provide Phase 3-D Status Report

The Phase 3-D Project Leader and AMSAT-DL President, Karl Meinzer (DJ4ZC) hosted six days of meetings, 13-18 June 1994 in Marburg, Germany to assess the status of a number of major areas of the project. In attendance at these meetings was Dick Jansson (WD4FAB), AMSAT-NA's Vice-President of Engineering. As a result of these meetings, the Project has ordered the solar arrays and is on the verge of ordering the spacecraft batteries. The selection of the machining contractor for the large aluminum rings for the 2624mm diameter SBS (Spacecraft Bus System) was also discussed and is quite close to being ordered. The SBS, which will be fabricated at Weber State University (WSU) in Ogden, UT, is a large cylinder that is part of the load carrying structure of the Ariane-5 launch vehicle. The Phase 3-D spacecraft is housed inside of the SBS for the ride into orbit.

Discussions were also held with Danny Orban (ON4AOD) on design refinements of the Ku Band transmitter (24 GHz) being constructed in Belgium. Some of these Ku Band transmitter refinements may also be applied to the X Band transmitter being constructed by the AMSAT-OH group at the Helsinki University of Technology in Finland.

One day of the meetings was devoted to very detailed discussions with Bernard LaCoste of the European Space Agency (ESA) regarding the launch configuration of the AR-502 vehicle and the testing that AMSAT will need to do inorder to qualify the Phase 3-D spacecraft and the SBS for their launch on AR-502.

Within the next month, AMSAT will conclude the ordering of the major components noted above. Also, in this near time period, the "flight" spaceframe will arrive at the Florida integration facility and start its final cleaning, paiting and assembly. The integration facility, located at the Orland Internation Airport, is in the final stages of being prepared for its mission of providing the specialized environ-ment for the spacecraft assembly activities.

[The AMSAT News Service (ANS) would like to thank WD4FAB and DB2OS for this bulletin item.]

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SB SAT @ AMSAT $ANS-176.02
WEEKLY OSCAR STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 176.02 FROM AMSAT HQ
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Weekly OSCAR Status Reports: 18-JUN-94

AO-13: Current Transponder Operating Schedule:

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L QST *** AO-13 TRANSPONDER SCHEDULE ***  1994 May 07-Jul 11
Mode-B  : MA   0 to MA 170 |
Mode-BS : MA 170 to MA 218 |
Mode-S  : MA 218 to MA 220 |<- S beacon only
Mode-S  : MA 220 to MA 230 |<- S transponder; B trsp. is OFF
Mode-BS : MA 230 to MA 250 |        Alon/Alat 230/-5
Mode-B  : MA 250 to MA 256 |
Omnis   : MA 250 to MA 120 |  Move to attitude 180/0, Jul 11
[G3RUH/DB2OS/VK5AGR]

KO-25: The uplink of the KO-25 spacecraft has been recently switched to
       145.870 MHz. In addition, the control station is indicating that a
       reset of the On-Board Computer (OBS) is planned for 20-June-94.
       [K6OYY]

DO-17: DO-17 still continues to transmit its voice message on a downlink
       frequency of 145.825 MHz.

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly
OSCAR status reports.  If you have a favorite OSCAR which you work on a
regular basis and would like to contribute to this bulletin, please send
your observations to WD0HHU at his CompuServe address of 70524,2272, on
INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO
area, WD0HHU @ W0GVT.  Also, if you find that the current set of orbital
elements are not generating the correct AOS/LOS times at your QTH, PLEASE
INCLUDE THAT INFORMATION AS WELL.  The information you provide will be of
value to all OSCAR enthusiasts.

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